

AC-110

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Sverker Hartwig & Jonas Henrysson

Title: Method And Device For Controlling Power  
Consumption During A Rock Drilling Process  
And A Rock Drilling Apparatus Therefore

U.S. National Phase Of: PCT/SE2004/001758,

Filed: November 29, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Mail Stop PCT-US/EO

INFORMATION DISCLOSURE STATEMENT

Enclosed please find Form PTO-1449 identifying five (5) references. Also enclosed are copies of the five identified references.

The present application is the United States National Phase of International Patent Appl. No. PCT/SE2004/1758. The five identified references were cited in the International Search Report issued in connection with the corresponding PCT application.

Also enclosed are copies of the Written Opinion issued by the International Bureau in connection with the corresponding PCT application, Applicant's Response To Written Opinion, and the International Preliminary Examination Report issued in connection with the corresponding PCT application.

Applicant notes that U.S. Patent No. 6,637,522 (Wilson et al) was cited in the International Search Report, mailed March 17, 2005, in Category X, and that the Written Opinion of the International Searching Authority, mailed March 17, 2005, concluded that the PCT claims, although novel and industrially applicable, were considered to be obvious over U.S. Patent No. 6,637,522.

Applicant's Response To Written Opinion Of The International Searching Authority, dated October 29, 2005, discusses U.S. Patent No. 6,637,522, and provides a detailed explanation establishing that the PCT Claims 1 - 21 are not obvious over the disclosure of U.S. Patent No. 6,637,522.

The International Preliminary Report On Patentability, dated November 22, 2005, determined that U.S. Patent No. 6,637,522 represents the closest prior art to the inventions defined by PCT Claims 1 - 21 (The remaining four (4) references cited in the International Search Report in Category A, which are also identified on the enclosed Form PTO-1449, were considered to merely define the general state of the prior art). The

International Preliminary Report On Patentability provides a detailed discussion distinguishing PCT Claims 1 - 21 from the disclosure of U.S. Patent No. 6,637,522, and concludes that PCT Claims 1 - 21 are not obvious to a person skilled in the art, and therefore that PCT Claims 1 - 21 define patentable subject matter over the disclosure of U.S. Patent No. 6,637,522.

Applicant notes that PCT Claims 1 - 21, as discussed in the International Preliminary Report On Patentability, correspond to the claims pending in the present United States National Phase.

Applicant respectfully requests that the five references identified on the enclosed Form PTO-1449 be formally cited of record in connection with the present United States National Phase as generally illustrating the background state of the art.

Respectfully submitted,



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Sheet 1 of 1

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Document Number (Optional) AC-110	Application Number <b>10/578081</b>
	Applicant Svenker Hartwig et al.	
	Filing Date	Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	6,637,522	10/03	Wilson et al			
	5,348,106	9/94	Mattero			
	5,121,802	6/92	Rajala et al			
	4,793,421	12/88	Jasinski			
	3,550,696	12/70	Kenneday			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.